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INTERNATIONAL SEARCH REPORT International application No. PCT/US02/39425		A. CLASSIFICATION OF SUBJECT MATTER According to International Patent Classification (IPC) or to both national classification and IPC IPC(7) : E21B 23/00 US CL : 166/207,208,382		B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 166/207,208,382,384 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
X	US 4,601,343 A (Lindsey, Jr. et al.) 22 July 1986 (22.07.1986), Figures 1 and 2.	1,3,5,7	9	1,7,8	9		
Y							
X	US 4,942,925 A (Thernig) 24 July, 1990 (24.07.1990), Figure 3.	1,7,8	9				
Y							
X	US 4,856,592 A (Van Bilderbeek et al.) 15 August 1989 (15.08.1989), Figure 4	1,7,8					

Date of the actual completion of the international search 16 May 2003 (16.05.2003)		Date of mailing of the international search report 28 MAY 2004	
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